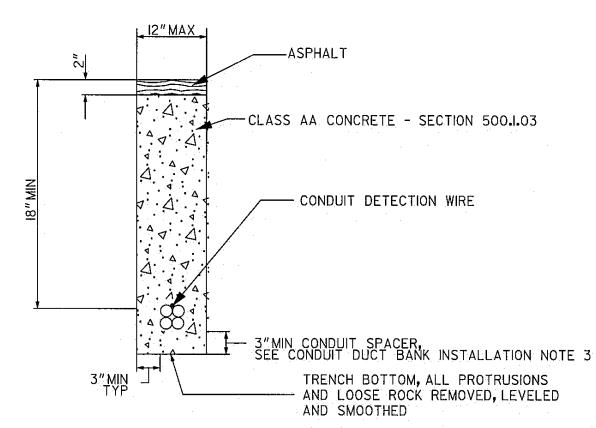
SHEET NO. | TOTAL SHEETS COUNTY PROJECT NUMBER 279 CSNHS-0008-00(415) 472

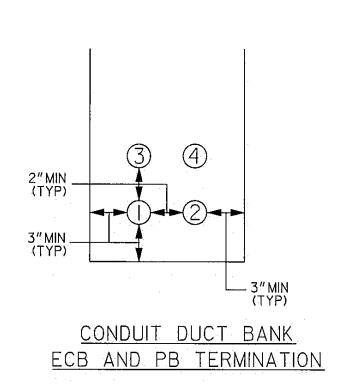
- CONDUIT OR CONDUIT DUCT BANK
(AS SPECIFIED IN THE PLANS)



TYPICAL SECTION OF CONDUIT DUCT BANK TRENCH UNDER ASPHALT PAVED SHOULDER

TRENCH UNDER CONCRETE SHOULDER

TYPICAL SECTION OF CONDUIT DUCT BANK TRENCH



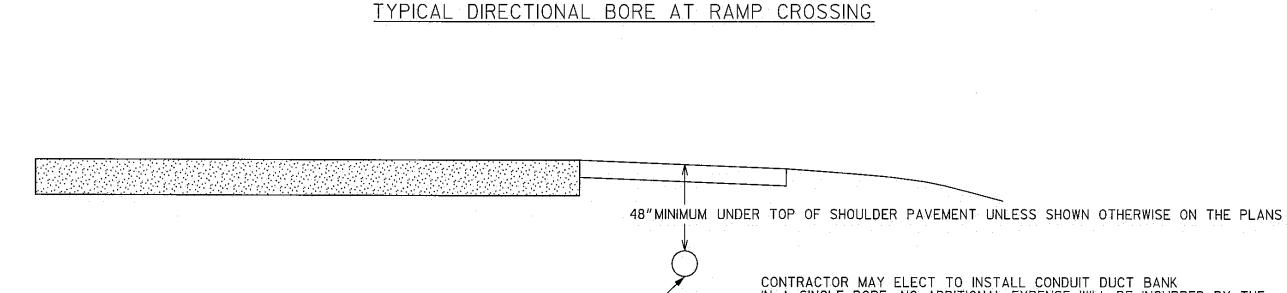
CONDUIT	NOMINAL INSIDE DIAMETER (INCHES)	BASE COLOR	STRIPE COLOR
ĺ	2	BLUE	NONE
2	2	ORANGE	NONE
3	2	YELLOW	NONE

2

CONDUIT DUCT BANK COLOR CODE

RED

NONE



CONTRACTOR MAY ELECT TO INSTALL CONDUIT DUCT BANK IN A SINGLE BORE. NO ADDITIONAL EXPENSE WILL BE INCURRED BY THE DEPARTMENT.

CONDUIT AND CONDUIT DUCT BANK TYPICAL DIRECTIONAL BORE SECTION

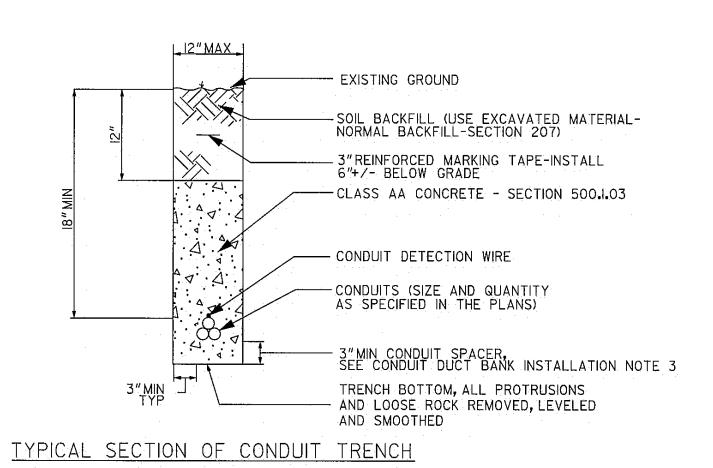
CONDUIT OR CONDUIT DUCT BANK — (AS SPECIFIED IN THE PLANS)

CONDUIT AND CONDUIT DUCT BANK

VARIES

SAWCUT EXIST. CONC. SHOULDER SAWCUT EXIST. CONC. SHOULDER EXISTING FULL DEPTH CONCRETE SHOULDER - CLASS AA CONCRETE - SECTION 500.1.03 CONDUIT DETECTION WIRE -3"MIN CONDUIT SPACER, SEE CONDUIT DUCT BANK INSTALLATION NOTE 3 TRENCH BOTTOM, ALL PROTRUSIONS - AND LOOSE ROCK REMOVED, LEVELED AND SMOOTHED TYPICAL SECTION OF CONDUIT DUCT BANK

	EXISTING GROUND SOIL BACKFILL (USE EXCAVATED MATERIAL- NORMAL BACKFILL-SECTION 207) 3"REINFORCED MARKING TAPE-INSTALL 6"+/- BELOW GRADE CLASS AA CONCRETE - SECTION 500.1.03 CONDUIT DETECTION WIRE
3"MIN TYP	3"MIN CONDUIT SPACER, SEE CONDUIT DUCT BANK INSTALLATION NOTE 3 TRENCH BOTTOM, ALL PROTRUSIONS AND LOOSE ROCK REMOVED, LEVELED AND SMOOTHED



CONDUIT AND CONDUIT DUCT BANK INSTALLATION

ROADWAY

48" MIN. UNLESS SHOWN OTHERWISE IN THE PLANS

- I UNLESS OTHERWISE SPECIFIED ON THE PLANS, CONDUIT AND CONDUIT DUCT BANK MAY BE INSTALLED BY TRENCHING OR DIRECTIONAL BORING, AT THE CONTRACTOR'S OPTION. THE CONTRACTOR MAY USE BOTH OPTIONS, DEPENDING ON FIELD CONDITIONS, HOWEVER ONLY ONE METHOD SHALL BE USED BETWEEN ACCESS BOXES (PULLBOX OR ECB).
- 2. THE BID PRICE FOR CONDUIT AND CONDUIT DUCT BANK SHALL INCLUDE THE COST FOR ALL LABOR AND MATERIALS REQUIRED TO INSTALL CONDUIT BY EITHER OPEN TRENCH OR DIRECTIONAL BORE.
- 3. CONDUIT SPACERS SHALL BE USED AT 6 FT O.C. TO SUPPORT THE CONDUIT BUNDLES ABOVE THE TRENCH BOTTOM. SPACERS MAY BE PLASTIC, STEEL, CONCRETE BLOCKS OR OTHER APPROVED DEVICES.
- 4. THE MINIMUM BENDING RADIUS FOR CONDUIT AND CONDUIT DUCT BANK SHALL BE IO TIMES THE DIAMETER OF THE THICKEST FIBER OPTIC CABLE TO BE INSTALLED IN A CONDUIT LINK.

CONSTRUCTION NOTES FOR CONCRETE SHOULDER

- I. LIMITS OF TRENCH SHALL BE SAW CUT. AT LOCATIONS OF EXISTING LONGITUDINAL JOINT, THAT JOINT SHALL BE USED AS ONE SIDE OF TRENCH.
- 2. AT TRANSVERSE JOINTS THE CONTRACTOR SHALL SEAL NEW JOINT TO MATCH EXISTING WITH APPROVED JOINT MATERIALS.
- 3. THE COST FOR SAW CUTTING, CONCRETE REMOVAL, AND SEALING JOINTS SHALL BE INCLUDED IN THE BID PRICE FOR CONDUIT DUCT BANK TYPE 3.

GEORGIA DEPARTMENT OF **TRANSPORTATION**

NOT TO SCALE

REVISION DATES			ATES	STATE OF GEORGIA	
10/01/2006			DEPARTMENT OF TRANSPORTATION		
	10/01/2000	· · · · · · · · · · · · · · · · · · ·		OFFICE: INNOVATIVE PROGRAM DELIVERY	
				ATMS PLANS	
		· · · · · · · · · · · · · · · · · · ·		ITS-0	
				CONDUIT AND CONDUIT DUCT BANK DRAWING NO.	
				TYPE 3 INSTALLATION DETAILS 20-10	